



Fly Friendly at Lake Hood!

As a pilot operating in and out of Lake Hood you are most likely aware of the noise impacts the largest and most active seaplane base in the world has on the surrounding community! Because of this, ANC is asking you to help ensure that we are doing everything possible to minimize noise impacts on airport neighbors. We ask you to consider the impact of your flight on the surrounding neighborhoods and follow these noise reduction tips whenever safe and practical under the prevailing conditions.

By Flying Friendly at Lake Hood you can minimize noise impacts on the surrounding community, and can minimize wear and tear on your aircraft by following these recommended procedures!

When operating in and out of Lake Hood, please keep the following in mind:

Keep the propeller as slow as possible. The principal noise source is the propeller. Without compromising safety, reducing RPMs soon after takeoff can significantly reduce noise. Flying with the lowest practical RPM is one of the most effective things a pilot can do.

- **Fly as high as possible as soon as possible.** Use the best angle of climb speed or the best rate of climb when operating around the Anchorage area. Doubling your altitude from 600' to 1200' can decrease the noise levels in half. *Increasing altitude is the most effective noise reduction tool for fixed pitch aircraft*
- **Maintain a high traffic pattern altitude until turning onto the approach base leg.** Clean, stable, low power, and low drag approaches are significantly quieter. *This type of approach is noise friendly to our neighbors and easier on aircraft engines.*
- **Make power reductions or accelerations that attract attention as gradually as possible.** Aircraft engine changes in pitch or volume of sound attract attention. If possible, do not adjust the propeller control for flat pitch on the downwind leg; instead, wait until short final. *This practice provides a quieter approach and extends engine life by reducing stress on the engine and propeller assembly.*
- **Avoid low-level, high-power approaches.** *This type of approach has high noise impacts and can limit options in the event of engine failure.*
- **Your route of travel is important.** Avoid neighborhoods whenever possible by flying over industrial areas or busy highways. Please remember that neighbors may be sleeping in populated areas.
- **If possible,, plan your trips during the day or early evening.** Avoid departures during hours when people tend to be sleeping. Flying between 10pm and 7am should be avoided whenever possible. Aircraft noise is perceived as louder at night because the rest of the community is quieter.

Airport neighbors thank you for your consideration!
Enjoy your flight!